

- Using the 5 string "shorelines" outline the shape and location of each Great Lake on your lab table. Sketch your outline in your notebook
- Distribute the squares of blue paper to represent the water in each lake (you have a total of 100 squares of water to distribute) Record your predictions in your notebook
- The green strips of paper indicate the number of people you think live on each lake. Rank the lakes from 1-5 for most to least population. Record your predictions in your notebook
- You have 20 fish tokens. These represent the TOTAL fish taken out of all the Great lakes. Distribute the markers to show where you think the fish are caught. Record your predictions in your notebook

Lake	Sketch of Outline	% of Water		Population Rank		Fishing	
		Before	After	Before	After	Before	After
H							
O							
M							
E							
S							



Use this data table to check your predictions. Record the correct values in your chart

		Great Lakes Data					
		Superior	Michigan	Huron	Erie	Ontario	Total
Shoreline (as base)	Miles	2,980	1,659	3,827	871	726	10,063
	Relative length	3.0	1.6	3.8	.9	.7	10.0
Water Volume	cu. miles	2,900	1,180	850	116	393	5,439
	km ³	12,100	4,920	3,540	484	1,640	22,684
	Relative volume	54	22	15	2	7	100
Human Population in Watershed	U.S. & Canada (1991)	500,000	8,500,000	2,700,000	12,000,000	8,000,000	31,700,000
	Population to nearest 1,000,000	.5	8.5	2.7	12	8	31.7
Annual Commercial Fishing Harvest	U.S. (lbs)	2,877,240	44,000,000	4,747,267	5,793,590	232,551	57,650,648
	Canada (lbs)	1,648,681		6,378,861	40,620,665	1,212,728	49,860,936
	Totals:	4,525,921	44,000,000	11,126,128	46,414,255	1,445,279	107,511,584
	Amount of fish harvested if the total number was 20	1	8	2	9	0	20
	Number of fish species	45	78	87	100	90	

* Measured at Low Water Datum